

Source: https://en.wikipedia.org/wiki/Commutative_diagram

Examples [\[edit \]](#)

In the bottom-left diagram, which expresses the [first isomorphism theorem](#), commutativity means that $f = \tilde{f} \circ \pi$ while in the bottom-right diagram, commutativity of the square means $h \circ f = k \circ g$:

